

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Spring 2016 Levee Inspection Results****Reclamation District No. 2104 Peters Pocket Tract**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 2104 Peters Pocket Tract

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough			Left	6.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/25/2016 - 3/25/2016			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start		Rating **	M	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2104_01_s_2012_12				
Comment Code					
Inspector Comment					
District needs to have their staff flood fight trained.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2104_01_f_2012_14				
Comment Code					
Inspector Comment					
District has the O+M Manual on hand.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2104_01_s_2012_40				
Comment Code					
Inspector Comment					
District needs to have flood fight supplies in storage.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	0.01	Rating **	A/W	Issue No.	17
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308222 °	38.299307 °
				-121.758547 °	-121.749778 °
DWR ID	DWR_RD2104_01_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
At this location there is no unwanted weeds present on the slope.					

Photo 1 of 1 : SP_2016_RD2104_249_17_20160509_00043.jpg



RD 2104 Looking downstream from levee mile 0.01 - 0.88.

LM Start	0.02	Rating **	M	Issue No.	18
LM End	1.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308045 °	38.298230 °
				-121.758597 °	-121.748317 °
DWR ID	DWR_RD2104_01_s_2016_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Crown roadway should be free of vegetation.					

No Photos

LM Start	0.04	Rating **	A/W	Issue No.	43
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.307713 °	38.302670 °
				-121.758527 °	-121.756470 °
DWR ID	DWR_RD2104_01_f_2015_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2104_249_43_20160509_00042.jpg



RD 2104 Waterside slope from levee mile 0.04- 0.42.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

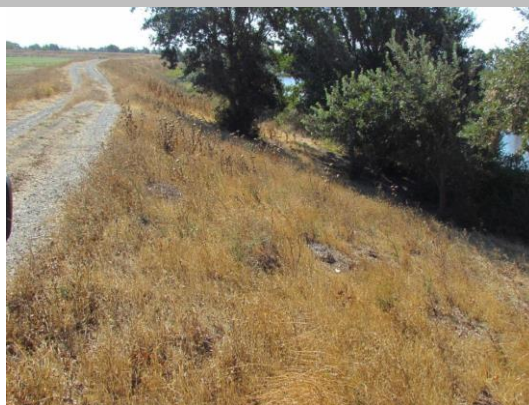
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	0.25	Rating **	M	Issue No.	1
LM End	0.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.305022 °	38.305022 °
				-121.756692 °	-121.756692 °
DWR ID	DWR_RD2104_01_s_2012_1				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.42	Rating **	U	Issue No.	51
LM End	0.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.302670 °	38.299852 °
				-121.756468 °	-121.753408 °
DWR ID	DWR_RD2104_01_f_2015_51				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the dead weeds from the levee slope.					

Photo 1 of 1 : SP_2016_RD2104_249_51_20160223_00005.jpg



Looking downstream waterside 0.42-0.68 unsatisfactory tall weeds covering the slope.

LM Start	0.70	Rating **	M	Issue No.	59
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299855 °	38.299302 °
				-121.753022 °	-121.749603 °
DWR ID	DWR_RD2104_01_f_2015_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	0.89	Rating **	U	Issue No.	62
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299302 °	38.294888 °
				-121.749603 °	-121.741202 °
DWR ID	DWR_RD2104_01_f_2015_62				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the waterside levee section.					

Photo 1 of 1 : SP_2016_RD2104_249_62_20160516_00055.jpg



RD 2104 Looking downstream from levee mile 0.89- 1.48 tall weeds present on the waterside slope.

LM Start	1.00	Rating **	U	Issue No.	27
LM End	4.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.298230 °	38.318552 °
				-121.748317 °	-121.744915 °
DWR ID	DWR_RD2104_01_s_2016_27				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway should be free of vegetation.					

Photo 1 of 1 : SP_2016_RD2104_249_27_20160509_00044.jpg



RD 2104 Levee miles 1.00- 4.74 looking downstream crown roadway.

LM Start	1.22	Rating **	M	Issue No.	45
LM End	4.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.296552 °	38.318462 °
				-121.744965 °	-121.744535 °
DWR ID	DWR_RD2104_01_s_2012_45				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	1.27	Rating **	M	Issue No.	30
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.296207 °	38.296207 °
				-121.744338 °	-121.744338 °
DWR ID	DWR_RD2104_01_s _ 2016_30				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	U	Issue No.	49
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295706 °	38.294892 °
				-121.742451 °	-121.741222 °
DWR ID	DWR_RD2104_01_s _ 2013_49				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The landowner has applied some spray to the woody tree growth and wild vegetation, more spray is needed here.					

Photo 1 of 1 : SP_2016_RD2104_249_49_20160509_00045.jpg



RD 2104 Looking downstream from levee miles 1.38-1.48 woody tree growth on the shoulder and completely blocking the slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	23
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.294827 °	38.293952 °
				-121.741163 °	-121.739785 °
DWR ID	DWR_RD2104_01_s_2016_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.57	Rating **	M	Issue No.	44
LM End	1.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.294117 °	38.294117 °
				-121.740385 °	-121.740385 °
DWR ID	DWR_RD2104_01_f_2014_44				
Comment Code					
Inspector Comment					
Repair or replace the broken gate.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	1.61	Rating **	U	Issue No.	32
LM End	4.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.293952 °	38.318552 °
				-121.739785 °	-121.744915 °
DWR ID	DWR_RD2104_01_s _ 2016_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This established wild vegetation growth on the waterside slope and toe need to be sprayed and mowed for control. There hasn't been any maintenance done on the levee in this RD. That's why the veg is out of control.					

Photo 1 of 1 : SP_2016_RD2104_249_32_20160517_00057.jpg



RD 2104 Looking at the wild growth of willow trees, wild berries and other unwanted vegetation has established it self along the slope and toe to levee mile 4.74.

LM Start	1.61	Rating **	U	Issue No.	34
LM End	5.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.293948 °	38.324073 °
				-121.739630 °	-121.758200 °
DWR ID	DWR_RD2104_01_s _ 2016_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Mow or spray the landside slope from 1.61 to 5.75 of unwanted tall weeds. No maintenance has been done to the landside slope for sometime now.					

Photo 1 of 1 : SP_2016_RD2104_249_34_20160516_00054.jpg



RD 2104 Looking downstream from levee mile 1.61 to 5.75 the landside slopes is covered with unwanted tall weeds.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	1.93	Rating **	M	Issue No.	16
LM End	1.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292027 °	38.291947 °
				-121.734575 °	-121.734453 °
DWR ID	DWR_RD2104_01_s _ 2012_16				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	1.94	Rating **	M	Issue No.	37
LM End	1.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292017 °	38.292017 °
				-121.734450 °	-121.734450 °
DWR ID	DWR_RD2104_01_s _ 2016_37				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	2.15	Rating **	M	Issue No.	35
LM End	2.91	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.291940 °	38.297485 °
				-121.730687 °	-121.730149 °
DWR ID	DWR_RD2104_01_s _ 2012_35				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	2.40	Rating **	M	Issue No.	128
LM End	2.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291579 °	38.291579 °
				-121.726159 °	-121.726159 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41347					
DS_ID:24726					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 24-inch CMP debris on WS berm may indicate pipe was abandoned.					
FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 18-feet below the crown. Flapgate on the WS toe. Originally included in O+M manual, 1964.					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_SP_2016_41347_45043.jpg



Pipe debris on WS berm.

LM Start	3.04	Rating **	M	Issue No.	129
LM End	3.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.299447 °	38.299447 °
				-121.730444 °	-121.730444 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41834 DS_ID:24720 EP_NO: 14184 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Signs in disrepair and need proper markings. FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe. FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2016_41834_45069.jpg



Sign on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	3.04	Rating **	M	Issue No.	129 (cont)	
LM End	3.04	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.299447 °		38.299447 °
				-121.730444 °		-121.730444 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41834						
DS_ID:24720						
EP_NO: 14184						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Signs in disrepair and need proper markings.						
FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe.						
FS Date: 12/4/2013						

Photo 2 of 2 : UCIP_SP_2016_41834_45068.jpg



Sign post on LS toe.

LM Start	3.06	Rating **	M	Issue No.	46
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.299679 °	38.299679 °
				-121.730469 °	-121.730469 °
DWR ID	DWR_RD2104_01_s_2012_46				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	3.12	Rating **	M	Issue No.	36
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.300571 °	38.300571 °
				-121.730411 °	-121.730411 °
DWR ID	DWR_RD2104_01_s_2012_36				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	M	Issue No.	119
LM End	3.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.300600 °	38.300600 °
				-121.730432 °	-121.730432 °
DWR ID	DWR_RD2104_01_f_2014_119				
Comment Code					
Inspector Comment					
Repair or replace the old broken gate.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2104 Peters Pocket Tract

Vegetation covering possible location for 4X4 concrete culvert at LS toe.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.01	Rating **	U	Issue No.	120
LM End	4.01	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310873 °	38.310873 °
				-121.736189 °	-121.736189 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24995 DS_ID:24706 EP_NO: 10183 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment. FIELD_STRUCT_DESC: 12-inch steel drainpipe through the levee 4.0-feet below the crown. Pump on pile structure in drainage ditch on landward side. One C.M. cutoff wall and a Siphon breaker in a 24-inch CMP riser on the waterward shoulder. Flap gate on waterward end. (ABO No. 10183 - Miller) Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

LM Start	4.01	Rating **	U	Issue No.	120 (cont)
LM End	4.01	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2016_24995_45056.jpg



Pump on pier off LS toe at ponding area. power pole and meter on LS toe.

Photo 2 of 2 : UCIP_SP_2016_24995_45055.jpg



Siphon breaker in CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.15	Rating **	U	Issue No.	50
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.312185 °	38.312809 °
				-121.738157 °	-121.738803 °
DWR ID	DWR_RD2104_01_s _ 2016_50				
Comment Code					
FE : Fence					
Inspector Comment					
Electric wwire fence placed along landward shoulder.					

Photo 1 of 2 : SP_2016_RD2104_249_50_20160509_00050.jpg



Levee mile 4.15 -4.21 landside shoulder unauthorized electric fence on levee.

LM Start	4.15	Rating **	U	Issue No.	50 (cont)
LM End	4.21	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_RD2104_249_50_20160509_00051.jpg



Solar panel for electric fence at levee mile 4.21.

LM Start	4.23	Rating **	U	Issue No.	52
LM End	4.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.313075 °	38.313075 °
				-121.738990 °	-121.738990 °
DWR ID	DWR_RD2104_01_s _ 2016_52				
Comment Code					
Inspector Comment					
Replace this busted gate crossing the crown roadway. This gate poses a safety issue.					

Photo 1 of 1 : SP_2016_RD2104_249_52_20160509_00052.jpg



Levee mile 4.23 busted unsafe gate crossing crown roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.31	Rating **	U	Issue No.	121
LM End	4.31	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313955 °	38.313955 °
				-121.739930 °	-121.739930 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24996 DS_ID:24705 EP_NO: 10182 Repair Type: Urgent Crossing Status: Found UCIP Comments: Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly. FIELD_STRUCT_DESC: 24-inch CMP drainpipe through the levee 15.0-feet below the crown. 36-inch concrete standpipe on LS toe. Flapgate on WS toe. Two C.M. cut of walls. (ABO No. 10182 - Machado) Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

LM Start	4.31	Rating **	U	Issue No.	121 (cont)
LM End	4.31	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2016_24996_45062.jpg



CMP pipe and flapgate off WS toe.

Photo 2 of 2 : UCIP_SP_2016_24996_45061.jpg



36-inch concrete riser on LS toe at channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.65	Rating **	M	Issue No.	122
LM End	4.65	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.317941 °	38.317941 °
				-121.743503 °	-121.743503 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25003 DS_ID:24704 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sign on WS toe needs repair. FIELD_STRUCT_DESC: 8-inch gas line through levee at high elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

LM Start	4.65	Rating **	M	Issue No.	122 (cont)
LM End	4.65	Issue Type +	En	Location *	CR

A photograph of a grassy field with a small, striped flag on a pole in the foreground. The background shows a flat landscape under a clear sky. The date stamp in the bottom right corner reads 12/04/2013.

Gasline marker on LS toe.

A photograph of a grassy field with scattered trees and a body of water in the background. A shadow is cast in the foreground, and a date stamp '12/04/2013' is visible in the bottom right corner.

Sign pole on WS toe missing sign.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable AW : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.66	Rating **	U	Issue No.	58
LM End	6.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.318058 °	38.318320 °
				-121.743600 °	-121.758217 °
DWR ID	DWR_RD2104_01_s_2016_58				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Crown roadway completely damaged by livestock, need appropriate material added and regraded. This levee crown need to have more road base and gravel through the District.					

Photo 1 of 1 : SP_2016_RD2104_249_58_20160519_00063.jpg



RD 2104 Looking downstream from levee mile 4.66 to levee mile 6.15 it appears that the cattle was corralled on the crown during the rainy months.

LM Start	4.67	Rating **	M	Issue No.	123
LM End	4.67	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318119 °	38.318119 °
				-121.743730 °	-121.743730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25005 DS_ID:24703 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for video inspection. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 13.5-feet below the crown. Pump on pile structure in stream. Slide gate in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete "U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-3379. Electrical conduit through levee at same location. FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2016_25005_45083.jpg



Concrete headwall on LS toe at irrigation ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.67	Rating **	M	Issue No.	123 (cont)
LM End	4.67	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318119 °	38.318119 °
				-121.743730 °	-121.743730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25005					
DS_ID:24703					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Good candidate for video inspection.					
FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee					
13.5-feet below the crown. Pump on pile structure in stream. Slide gate					
in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete					
"U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-					
3379. Electrical conduit through levee at same location.					
FS Date: 12/4/2013					

Photo 2 of 2 : UCIP_SP_2016_25005_45082.jpg



Slide gate in CMP riser on WS slope with pump on pier in background.

LM Start	4.72	Rating **	M	Issue No.	124
LM End	4.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318432 °	38.318432 °
				-121.744540 °	-121.744540 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25006 DS_ID:24702 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Minor erosion of base under headwall on WS toe. Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 - Machado) FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2016_25006_45086.jpg



Concrete U shaped headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	124 (cont)
LM End	4.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318432 °	38.318432 °
				-121.744540 °	-121.744540 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25006 DS_ID:24702 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Minor erosion of base under headwall on WS toe. Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 - Machado) FS Date: 12/4/2013					

Photo 2 of 2 : UCIP_SP_2016_25006_45085.jpg



Concrete U shaped headwall on LS toe.

LM Start	4.77	Rating **	M	Issue No.	53
LM End	4.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318685 °	38.318685 °
				-121.745368 °	-121.745368 °
DWR ID	DWR_RD2104_01_s_2013_53				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.88	Rating **	M	Issue No.	24
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.319559 °	38.319559 °
				-121.747085 °	-121.747085 °
DWR ID	DWR_RD2104_01_s_2012_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Damage caused by livestock need to be repaired.					

No Photos

LM Start	4.90	Rating **	M	Issue No.	54
LM End	6.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.319819 °	38.308575 °
				-121.747403 °	-121.758448 °
DWR ID	DWR_RD2104_01_s_2013_54				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
The crown roadway need appropriate material added and regrade for proper drainage.					

Photo 1 of 2 : SP_2016_RD2104_249_54_20160509_00048.jpg



RD 2104 Levee mile 4.90- 6.83 severely damaged crown roadway looking upstream.

LM Start	4.90	Rating **	M	Issue No.	54 (cont)
LM End	6.83	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP_2016_RD2104_249_54_20160509_00049.jpg



Another view of the damaged crown roadway looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	4.90	Rating **	M	Issue No.	29
LM End	4.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319812 °	38.319812 °
				-121.747434 °	-121.747434 °
DWR ID	DWR_RD2104_01_s_2012_29				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This erosion caused by cattle.					

No Photos

LM Start	4.96	Rating **	U	Issue No.	75
LM End	4.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.320408 °	38.320408 °
				-121.748173 °	-121.748173 °
DWR ID	DWR_RD2104_01_f_2015_75				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion on the landside slope caused by livestock.					

Photo 1 of 1 : SP_2016_RD2104_249_75_20160517_00060.jpg



Erosion site on the landside shoulder and slope. Looking back upstream. No change since last inspection Fall 2016.

LM Start	5.04	Rating **	M	Issue No.	41
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321582 °	38.321582 °
				-121.748546 °	-121.748546 °
DWR ID	DWR_RD2104_01_s_2012_41				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	55
LM End	5.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321719 °	38.322666 °
				-121.748556 °	-121.748448 °
DWR ID	DWR_RD2104_01_s_2013_55				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Damage caused by livestock.					

No Photos

LM Start	5.09	Rating **	U	Issue No.	125
LM End	5.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322215 °	38.322215 °
				-121.748418 °	-121.748418 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25007 DS_ID:24701 EP_NO: 10182 Repair Type: Urgent Crossing Status: Found UCIP Comments: Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through levee 13.0 feet below crown. Two cutoff walls. Concrete "U" headwalls on both ends. Flap gate on water end. (ABO No. 10182 - Machado). Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2016_25007_45090.jpg



Concrete U-shaped headwall on WS toe. Note erosion scarp around headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	5.09	Rating **	U	Issue No.	125 (cont)
LM End	5.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322215 °	38.322215 °
				-121.748418 °	-121.748418 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25007 DS_ID:24701 EP_NO: 10182 Repair Type: Urgent Crossing Status: Found UCIP Comments: Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through levee 13.0 feet below crown. Two cutoff walls. Concrete "U" headwalls on both ends. Flap gate on water end. (ABO No. 10182 - Machado). Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

Photo 2 of 2 : UCIP_SP_2016_25007_45089.jpg



Headwall undermined on WS toe.

LM Start	5.29	Rating **	U	Issue No.	73
LM End	5.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.323281 °	38.323281 °
				-121.751272 °	-121.751272 °
DWR ID	DWR_RD2104_01_s_2014_73				
Comment Code					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2104_249_73_20160223_00012.jpg



Repair this gate at levee mile 5.72.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	5.35	Rating **	U	Issue No.	33
LM End	5.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.323595 °	38.323730 °
				-121.752295 °	-121.752457 °
DWR ID	DWR_RD2104_01_s_2012_33				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2104_249_33_20160519_00061.jpg



LM Start	5.51	Rating **	U	Issue No.	77
LM End	5.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.325048 °	38.325048 °
				-121.754357 °	-121.754357 °
DWR ID	DWR_RD2104_01_s_2014_77				
Comment Code					
Inspector Comment					
Replace this damaged gate crossing the levee crown roadway.					

Photo 1 of 1 : SP_2016_RD2104_249_77_20160509_00047.jpg



RD 2104 levee mile 5.51 gate crossing crown roadway damaged.

LM Start	5.52	Rating **	U	Issue No.	21
LM End	6.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.325082 °	38.318590 °
				-121.754645 °	-121.758210 °
DWR ID	DWR_RD2104_01_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2104_249_21_20160519_00062.jpg



RD 2104 Looking downstream from levee mile 5.52 waterside shoulder tall unwanted milkweed thistle present.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	03/25/2016 03/25/2016	Herman Phillips

LM Start	6.15	Rating **	M	Issue No.	64
LM End	6.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.318320 °	38.308482 °
				-121.758220 °	-121.758508 °
DWR ID	DWR_RD2104_01_s_2016_64				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep crown roadway free of vegetation.					

No Photos

LM Start	6.84	Rating **	U	Issue No.	126
LM End	6.84	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.308404 °	38.308404 °
				-121.758585 °	-121.758585 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25086 DS_ID:24699 EP_NO: 10184 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location. FIELD_STRUCT_DESC: 8-inch gas line through levee 2.0 feet below crown. (ABO No. 10184 - PG&E). Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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